

**I Claim:**

1. An animal collar, comprising:

- a flexible band having two ends;
- a fastener on at least one of the ends for fastening to the other end to secure the band around a neck of an animal;
- at least a portion of the band having an inner layer for contact with the neck of the animal and an outer layer;
- a pair of electrical terminals mounted to the band, the terminals being accessible through holes in the outer layer for receiving a control unit that supplies an electrical signal upon the occurrence of a selected event;
- at least one electrically conductive lead having a terminal end in electrical engagement with one of the electrical terminals, the lead extending between the inner and outer layers and terminating in an electrode end; and
- a receptacle in electrical contact with the electrode end of the lead, the receptacle being accessible through a hole in the inner layer for selectively receiving an electrode to apply an electrical shock to the neck of the animal upon receipt of voltage from the control unit.

2. The collar according to claim 1, further comprising:

- an electrical conductive second lead having a terminal end in electrical engagement with the other of the electrical terminals, the second lead extending between the inner and outer layers and terminating in an electrode end; and
- a second receptacle in electrical contact with the electrode end of the second lead, the second receptacle being accessible through a hole in the inner layer for selectively receiving an electrode to apply an electrical shock to the neck of the animal upon receipt of voltage from the control unit.

3. The collar according to claim 1, wherein the lead comprises a flat strip of conductive material.

4. The collar according to claim 1, wherein the receptacle comprises an internally threaded socket.

5. The collar according to claim 1, wherein each of the terminals comprises an externally threaded member that protrudes from the outer layer.

6. The collar according to claim 1, wherein the lead comprises:

a flat strap of woven conductive wire; and

a flat fitting of conductive metal located on the electrode end, the fitting having a hole through which the receptacle extends.

7. The collar according to claim 1, wherein the inner and outer layers are stitched together at opposite edges of the band, defining a pocket that receives the lead.

8. The collar according to claim 1, wherein the inner layer has a shorter length than the outer layer.

9. An animal collar, comprising:

a flexible band having two ends;

a fastener on at least one of the ends for fastening to the other end to secure the band around a neck of an animal;

at least a portion of the band having an inner layer for contact with the neck of the animal and an outer layer;

a pair of terminals extending through and protruding from the outer layer for securing to a control unit that supplies an electrical signal upon the occurrence of a selected event;

a pair of electrically conductive leads, each having a terminal end in electrical engagement with one of the terminals, the leads extending in opposite directions from the terminals parallel to a length of the band and between the inner and outer layers, each of the leads having an electrode end on an end opposite the terminal end; and

a pair of electrodes, each of the electrodes being in electrical engagement with one of the electrode ends of one of the leads and protruding from an exterior side of the inner layer for contact with the neck of the animal.

10. The collar according to claim 9, wherein each of the electrode ends comprises a threaded receptacle in electrical contact with one of the leads, each of the receptacles extending from one of the leads into a hole in the inner layer for receiving a threaded end of one of the electrodes.

11. The collar according to claim 9, wherein each of the leads comprises a flat strip of conductive material.

12. The collar according to claim 9, wherein each of the leads comprises:

a flat strap of woven conductive wire; and

a flat fitting of conductive metal located on the electrode end, the fitting having a hole through which one of the receptacles extends.

13. The collar according to claim 9, wherein the inner and outer layers are stitched together at opposite edges of the band, defining a pocket that receives the leads.

14. The collar according to claim 9, wherein the inner layer has a shorter length than the outer layer.

15. The collar according to claim 9, wherein each of the terminals comprises a screw having a head on an exterior side of the inner layer and extending through a hole in the inner layer.

16. The collar according to claim 15, further comprising an electrical insulator enclosing the head of each of the screws.

17. An animal collar, comprising:

- a flexible band having two ends;

- a fastener on at least one of the ends for fastening to the other end to secure the band around a neck of an animal;

- at least a portion of the band having an inner layer for contact with the neck of the animal and an outer layer;

- a pair of screws extending through the inner and outer layers and protruding from outer layer;

- a control unit secured to the screws on an exterior side of the outer layer for supplying an electrical signal upon the occurrence of a selected event;

- a pair of electrically conductive leads, each having a terminal end in electrical engagement with one of the screws, the leads extending in opposite directions from the screws parallel to a length of the band and between the inner and outer layers, each of the leads having an electrode end opposite the terminal end;

- a pair of threaded receptacles, each of the receptacles being in electrical contact with the electrode end of one of the leads, each of the receptacles extending from the electrode end into a hole in the inner layer; and

a pair of electrode pins, each of the pins having a threaded end that screws into one of the threaded receptacle for applying an electrical shock to the neck of the animal upon receipt of voltage from the control unit.

18. The collar according to claim 17, wherein the inner and outer layers are stitched together at opposite edges of the band, defining a pocket that receives the leads.

19. The collar according to claim 17, wherein:

the fastener comprises a buckle attached to the outer layer at one end of the band and a plurality of buckle attachment holes extending through the outer layer at the other end of the band; and

the inner layer has a first end spaced from the buckle and a second end spaced from the buckle attachment holes.

20. The collar according to claim 17, wherein each of the screws has a head on an exterior side of the inner layer and extends through a hole in the inner layer, and wherein the collar further comprises an electrical insulator enclosing the head of each of the screws.